

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Sumihiro OKAWA et al.

U.S. Serial No.: Filed Concurrently Herewith

Title of Invention: ROUTER AND CONTROL METHOD OF  
AUDIO/VIDEO APPARATUS USING THE ROUTER

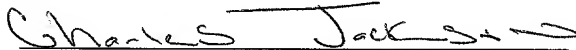
745 Fifth Avenue  
New York, NY 10151

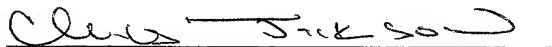
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**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Box Patent Application (35 U.S.C. 111)  
Washington, D.C. 20231

Sir:

Before the issuance of the first Office Action, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please amend claims 4, 6 and 7 as follows:

4. (Amended) A router according to claim 2, said router further comprising:  
  
an input unit for inputting an analog signal output by said external apparatus; and

conversion means for converting said input analog signal into a digital signal, which is disassembled into IP packets to be output to said computer.

6. (Amended) A router according to claim 1, wherein said infrared-ray-emitting unit can be mounted on and dismounted from a main body of said router.

7. (Amended) A router according to claim 1, said router having a plurality of said infrared-ray-emitting units, which can each be mounted on and dismounted from a main body of said router.

### **REMARKS**

Claims 1-10 remain in the application. Claims 4, 6 and 7 have been amended to eliminate multiple dependencies. Attached hereto is a marked up version of the changes made to claims 4, 6 and 7 by the current amendment. The attached page is captioned "**Version with markings to show changes made.**" The filing fee has been calculated based upon these amendments to the claims.

Respectfully submitted,

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**VERSION WITH MARKINGS TO SHOW CHANGES MADE****In the claims:**

4. (Amended) A router according to claim 2 ~~or 3~~, said router further comprising:  
an input unit for inputting an analog signal output by said external apparatus; and  
conversion means for converting said input analog signal into a digital signal, which is  
disassembled into IP packets to be output to said computer.
6. (Amended) A router according to claim 1 ~~any one of claims 1 to 5~~, wherein said infrared-ray-emitting unit can be mounted on and dismounted from a main body of said router.
7. (Amended) A router according to claim 1 ~~any one of claims 1 to 6~~, said router having a plurality of said infrared-ray-emitting units, which can each be mounted on and dismounted from a main body of said router.